

SEQUENCE LISTING

<110> Kimura, Naoki
Toyoshima, Tomoko

<120> NOVEL SECRETORY MEMBRANE PROTEIN

<130> 06501-040002

<140> US 09/855,266

<141> 2001-05-14

<150> US 09/411,722

<151> 1999-10-01

<150> PCT/JP98/01511

<151> 1998-04-01

<150> JP 9/099653

<151> 1997-04-01

<160> 13

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 176

<212> PRT

<213> Mus musculus

<400> 1

Met	Val	Thr	Phe	Ser	His	Val	Ser	Ser	Leu	Ser	His	Trp	Phe	Leu	Leu	1	5	10	15
Leu	Leu	Leu	Leu	Asn	Leu	Phe	Leu	Pro	Val	Ile	Phe	Ala	Met	Pro	Glu	20	25	30	
Ser	Tyr	Ser	Phe	Asn	Cys	Pro	Asp	Gly	Glu	Tyr	Gln	Ser	Asn	Asp	Val	35	40	45	
Cys	Cys	Lys	Thr	Cys	Pro	Ser	Gly	Thr	Phe	Val	Lys	Ala	Pro	Cys	Lys	50	55	60	
Ile	Pro	His	Thr	Gln	Gly	Gln	Cys	Glu	Lys	Cys	His	Pro	Gly	Thr	Phe	65	70	75	80
Thr	Gly	Lys	Asp	Asn	Gly	Leu	His	Asp	Cys	Glu	Leu	Cys	Ser	Thr	Cys	85	90	95	
Asp	Lys	Asp	Gln	Asn	Met	Val	Ala	Asp	Cys	Ser	Ala	Thr	Ser	Asp	Arg	100	105	110	
Lys	Cys	Glu	Cys	Gln	Ile	Gly	Leu	Tyr	Tyr	Tyr	Asp	Pro	Lys	Phe	Pro	115	120	125	
Glu	Ser	Cys	Arg	Pro	Cys	Thr	Lys	Cys	Pro	Gln	Gly	Ile	Pro	Val	Leu	130	135	140	
Gln	Glu	Cys	Asn	Ser	Thr	Ala	Asn	Thr	Val	Cys	Ser	Ser	Ser	Val	Ser	145	150	155	160
Asn	Pro	Arg	Asn	Trp	Leu	Phe	Leu	Leu	Met	Leu	Ile	Val	Phe	Cys	Ile	165	170	175	

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Ala Met Pro Glu Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln
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          20          25          30
Ala Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His
          35          40          45
Pro Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu
          50          55          60
Cys Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala
          65          70          75          80
Thr Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp
          85          90          95
Pro Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly
          100          105          110
Ile Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser
          115          120          125
Ser Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile
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Val Phe Cys Ile
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ttc ctc ttg ctg ctg ctg ctg aat ctg ttc ttg ccg gta ata ttt gct      98
Phe Leu Leu Leu Leu Leu Leu Asn Leu Phe Leu Pro Val Ile Phe Ala
          15          20          25

atg cct gaa tca tac tcc ttc aac tgt ccc gat ggt gaa tac cag tct      146
Met Pro Glu Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser
          30          35          40          45

aat gat gtc tgt tgc aag acc tgt ccc tca ggt aca ttt gtc aag gcg      194
Asn Asp Val Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala
          50          55          60

ccc tgc aaa atc ccc cat act caa gga caa tgt gag aag tgt cac cca      242
Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro
          65          70          75

gga aca ttc aca ggg aaa gat aat ggc ctg cat gat tgt gaa ctt tgc      290
Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys

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80	85	90	
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95	100	105	
agt gac cgg aaa tgc gag tgc caa ata ggt ctt tac tac tat gac cca			386
Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro			
110	115	120	125
aaa ttt ccg gaa tca tgc cgc cca tgt acc aag tgt ccc caa gga atc			434
Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile			
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cct gtc ctc cag gaa tgc aac tcc aca gct aac act gtg tgc agt tca			482
Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser			
145	150	155	
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Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val			
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Phe Cys Ile			
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cttttattgc tgtgaagaga aaccatggag gcaactcttt cattttattt tattttttaa			639
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26

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gccgcgaatt ctgactaact gac

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<212> PRT

<213> Mus musculus

<400> 13

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			20					25					30		
Gly	Arg	Asp	Thr	Val	Cys	Arg	Glu	Cys	Glu	Lys	Gly	Thr	Phe	Thr	Ala
		35					40					45			
Ser	Gln	Asn	Tyr	Leu	Arg	Gln	Cys	Leu	Ser	Cys	Lys	Thr	Cys	Arg	Lys
	50					55					60				
Glu	Met	Ser	Gln	Val	Glu	Ile	Ser	Pro	Cys	Gln	Ala	Asp	Lys	Asp	Thr
65					70					75				80	
Val	Cys	Gly	Cys	Lys	Glu	Asn	Gln	Phe	Gln	Arg	Tyr	Leu	Ser	Glu	Thr
				85					90					95	
His	Phe	Gln	Cys	Val	Asp	Cys	Ser	Pro	Cys	Phe	Asn	Gly	Thr	Val	Thr
			100					105					110		
Ile	Pro	Cys	Lys	Glu	Thr	Gln	Asn	Thr	Val	Cys					
		115						120							